

AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions and listings of claims in the application.

LISTING OF CLAIMS

1. (currently amended) A method for generating synthesized speech, comprising:

receiving a block of input text~~two or more sentences~~ into a text-to-speech synthesizing system;

partitioning the block of input text into a plurality of context spaces each containing multiple phrases;

performing semantic analysis on each context space in order to identify a topic for each context space;

~~determining a topic for the sentences;~~

selecting a speaking style for each context space from a plurality of predefined speaking styles based on the ~~identified topics~~ identified respective of the context spaces, where each speaking style correlates to prosodic parameters and is associated with one or more anticipated topics;

converting the sentences to corresponding phoneme data;

applying prosodic parameters which correlate to the selected speaking style to the phoneme data, thereby generating a prosodic representation of the phoneme data; and

generating audible speech using the prosodic representation of the phoneme data.

2. (original) The method of Claim 1 wherein the step of determining a topic for the input text further comprises:

defining a plurality of anticipated topics, such that each anticipated topic is associated with keywords that are indicative of the topic;

determining frequency of the keywords in the input text; and

selecting a topic for the input text from the plurality of anticipated topics based on the frequency of keyword occurrences contained therein.

3. (cancelled)

4. (cancelled)

5. (currently amended) A method for customizing the speaking style of a text-to-speech synthesizer system, comprising:

receiving a block of input text which ~~includes two or more sentences~~;

partitioning the block of input text into a plurality of context spaces each containing multiple phrases;

determining semantic information for each context space~~the input text~~;

selecting a speaking style for each context space from a plurality of predefined speaking styles based on the semantic information, where each speaking style correlates to prosodic parameters and is associated with one or more anticipated topics; and

customizing an output parameter of a multimedia user interface of the text-to-speech synthesizer system based on the speaking style, where the text-to-speech synthesizer system is operable to render audible speech which correlates to the input text.

6. (original) The method of Claim 5 wherein the step of determining semantic information further comprises determining a topic for the input text.

7. (original) The method of Claim 5 wherein the step of determining semantic information further comprises partitioning the input text into a plurality of context spaces, and determining a topic for each of the plurality of context spaces.

8. (cancel)

9. (original) The method of Claim 5 wherein the step of customizing an output parameter further comprises generating synthesized speech.

10. (original) The method of Claim 5 wherein the step of customizing an output parameter further comprises correlating the selected speaking style to one or more prosodic parameters and rendering audible speech for the input text using the prosodic parameters.

11. (original) The method of Claim 5 wherein the step of customizing an output parameter further comprises modifying at least one of an expression of a visually displayed talking head and another attribute of a visual display.

12. (currently amended) A text-to-speech synthesizer system, comprising:

a text analyzer receptive of a block of input text ~~which includes two or more sentences~~ and operable to partition the block of input text into a plurality of context spaces each containing multiple phrases and determine semantic information for each context space ~~the input text~~;

a style selector adapted to receive semantic information from the text analyzer and operable to determine, for each context space, a speaking style for rendering the input text contained in that context space based on the semantic information, where the selected speaking style correlates to one or more prosodic attributes;

a phonetic analyzer adapted to receive input text from the text analyzer and operable to convert the input text into corresponding phoneme data;

a prosodic analyzer adapted to receive phoneme data from the phonetic analyzer and the prosodic attributes from the style selector, the prosodic analyzer further operable to apply the prosodic attributes to the phoneme data to form a prosodic representation of the phoneme data; and

a speech synthesizer adapted to receive the prosodic representation of the phoneme data from the prosodic analyzer and operable to generate audible speech.